

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

1. (Currently amended) A recording apparatus comprising:

input means for inputting a moving image signal;

a memory adapted to store the moving image signal input by said input means;

instruction means for arbitrary instructing a recording start and a recording stop;

a recording medium interface adapted to record the image signal read out from said memory in a recording medium; and

control means for controlling said ~~memory and~~ said recording medium interface so as to ~~record on the recording medium a main moving image signal input by said input means during a period from recording start designation to recording stop designation, together with a preceding moving image signal input by said input means during a first predetermined period immediately before the recording start designation, and a succeeding moving image signal input by said input means during a second predetermined period immediately after the recording stop designation~~ start recording the moving image signal read out from said memory in response to the record start instruction and to stop recording the moving image signal in response to the record stop instruction.

said control means controlling the recording medium interface so as to read a preceding moving image signal stored in said memory during a first predetermined period immediately before the recording start instruction, a main moving image signal stored in said memory during a period from the recording start instruction to the recording stop instruction and a succeeding moving image signal stored in said memory during a second predetermined period immediately after the recording stop instruction and to record the main moving image signal on the recording medium together with the preceding moving image signal and the succeeding moving image signal.

2. (Original) An apparatus according to claim 1, wherein said recording medium interface records the main moving image signal, the preceding moving image signal, and the succeeding moving image signal as one moving image stream.

3. (Currently amended) An apparatus according to claim 2, wherein said control means generates play list data for controlling a reproducing process of the moving image stream so as to reproduce the main moving image signal, and inhibit reproducing of the preceding and succeeding moving image signals in the moving image stream in accordance with the recording stop instruction.

4. (Original) An apparatus according to claim 3, wherein said recording medium interface reproduces the moving image signal recorded in the recording medium, and the play list, and wherein said control means controls a reproducing operation of the moving image data by said recording medium interface according to the reproduced play list.

5. (Original) An apparatus according to claim 4, further comprising: image processing means for executing effect processing on the reproduced moving image data, wherein said

control means controls said recording medium interface and said image processing means so as to reproduce the preceding moving image signal or the succeeding moving image signal from the recording medium, and execute effect processing for the reproduced preceding or succeeding moving image signal according to effect reproducing designation.

6.(Currently Amended) A recording apparatus comprising:

input means for inputting a moving image signal;

instruction means for arbitrary instructing a recording start and a recording stop of the moving image signal;

recording means for recording an input moving image signal ~~in~~ on a recording medium as a moving image stream including the moving image signal inputted by said input means immediately before the recording start instruction and the moving image signal inputted by said input means immediately after the recording stop instruction; and

generating means for generating play list data according to the recording operation of the moving image signal by said recording means, the play list data being used for controlling arranged to control a reproducing process of one moving image stream including the moving image signal so as to inhibit reproducing of moving image signals of a first predetermined period from a head of the moving image stream to the recording start instruction and a second predetermined period immediately before from the recording stop instruction to an end of the moving image stream, and reproduce a moving image signal of a period other than the first and second predetermined periods in the moving image stream, said recording means recording the play list generated by said generating means on the recording medium; and

~~control means for controlling said recording means so as to record the play list generated by said generating means on the recording medium.~~

7. (Original) An apparatus according to claim 6, wherein said generating means decides a period other than the first and second predetermined periods according to recording start designation and recording stop designation of the moving image signal.

8. (Original) An apparatus according to claim 6, further comprising: reproducing means for reproducing the moving image signal and the play list data recorded on the recording medium, wherein said control means controls the reproducing operation of said reproducing means according to the reproduced play list data normally in response to a normal reproduction designation.

9. (Original) An apparatus according to claim 8, wherein said control means controls said reproducing means so as to reproduce the moving image signals of the first and second predetermined periods in the moving image stream according to effect reproducing designation.

10. (Original) An apparatus according to claim 9, wherein said control means controls said reproducing means so as to continuously reproduce two moving image streams by using moving image signals of first and second predetermined periods in the two moving image streams according to the effect reproducing designation.

11. (Currently Amended) A recording apparatus comprising:

image pickup means;

a microphone;

a memory adapted to store a moving image signal obtained by said image pickup means, and an audio signal obtained by said microphone;

instruction means for arbitrary instructing a recording start and a recording stop

a recording medium interface adapted to record on a recording medium an information signal train composed of the moving image signal and the audio signal read out from said memory; and

control means for controlling said ~~memory and~~ said recording medium interface so as to ~~record on the recording medium a main information signal including the moving image and audio signals obtained respectively by said image pickup means and said microphone during a period from recording start designation to recording stop designation, together with a preceding information signal containing moving image and audio signals obtained respectively by said image pickup means and said microphone during a first predetermined period immediately before the recording start designation, and a succeeding information signal containing moving image and audio signals obtained respectively by said image pickup means and said microphone during a second predetermined period immediately after the recording stop designation~~ start recording the moving image signal and the audio signal read out from said memory, in response to the record start instruction and to stop recording the moving image signal and the audio signal in response to the record stop instruction,

said control means controlling the recording medium interface so as to read preceding moving image signal and audio signal stored in said memory during a first predetermined

period immediately before the recording start instruction, main moving image signal and audio stored in said memory during a period from the recording start instruction to the recording stop instruction and succeeding moving image signal and audio signal stored in said memory during a second predetermined period immediately after the recording stop instruction and to record the main moving image signal and audio signal on the recording medium together with the preceding moving image signal and audio signal and the succeeding moving image signal and audio signal.

12. (New) A recording apparatus comprising:

recording means for recording moving image data on a recording medium; and

generating means for generating a play list data for controlling reproduction procedure of the moving image data, said generating means updating the play list data in response to recording of new moving image data by said recording means so as to reproduce successively a plurality of moving image data recorded on the recording medium prior to the new moving image data and the new moving image data.